

## Wondering when you want a thin TV

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*The following are the questions that TV buyers are most likely to submit to Cnet Asia.*

### **1. Which LCD, LED and Plasma are better?**

Plasma, LCD or LED each technology has its own advantages. LCD and LED are popular screens today, with a more compact and beautiful design. Meanwhile Plasma is capable of better performing LCD in terms of black depth or real contrast. Depending on the price and requirements of the users that Plasma, LCD or LED can be appreciated.

For example, with a 42-inch size, Plasma has a better price than LCD but in return, the real resolution of the screen is only 1,024 x 768 and lower than the 1,366 x 768 level of the LCD.

### **2. Which is the best choice for TV?**

" Best " is a rather subjective concept when it is mastered by the evaluation of each needs, each person like the image quality, price or style. For customers with high-end pocket money, mid-to-high-end models that support image processing and multiple audio-visual features are the best choice. As for users who have limited access, they should prioritize price and quality and less care about the design of the product.

### **3. What size does the TV fit into the room?**

The screen size depends on the distance from the TV to the viewing position, not the area of the room. To make a reasonable choice, the buyer should prioritize the formula of a small screen size that is half the viewing distance. If you sit too close to the screen or the screen is too big, the viewer will be able to clearly see the pixels on the screen, making the image less sharp. Besides, with fast-moving images, sitting close and watching can make you feel tired and have a headache.

### **4. What is a burning image in Plasma and limited?**

TV buyers are often concerned about a problem that plasma TVs often encounter is a fire phenomenon, meaning that on the screen there are old images that are saved from previous frames. This phenomenon is encountered when users turn on Plasma TVs in a static image for a long time. The saved images are usually fixed images such as logos, billboards of sports programs .

To limit this, users should pay attention not to turn on still images on Plasma TVs for too long. Reducing screen brightness is also a way to avoid burning. With a number of modern Plasma TV lines today, the phenomenon of burning images has been treated with integrated features.

### **5. What do the HDMI standards mean?**

Both the current HDMI standard, 1.3 and 1.4 support video in Full HD 1.080p format. However, the newer HDMI 1.4 and the standard for 3D content playback, support ARC (Audio Return Channel) feature as well as can transmit more Internet connections. However, the sad thing is that currently, HDMI 1.4 devices that support Internet transmission are very limited at the present time.

### **6. How are the Full HD and HD screens different?**

Full HD for 1,920 x 1,080 pixels resolution while HD is at 1,280 x 720 or slightly higher. Higher resolution provides better images, less jagged and is also one of the decisive factors for HDTV's overall picture quality. Full HD resolution also helps to show Blu-ray movies, the most impressive HD games.

However, TV buyers should also be aware, with the viewing distance 3 meters or more away from the screen, with a size of 46 inches or less, Full HD and HD resolutions are difficult to distinguish with the naked eye. .

### **7. Does the TV have a 1.200Hz scan feature, which is 12 times the 100Hz model?**

In fact, the latest display technology currently only supports a maximum refresh rate of 200Hz. To achieve such high numbers, manufacturers had to apply backlight scanning to the image processor to create a higher refreshing effect. For example, the 400Hz scanning feature is actually a combination of 200Hz real image scanning and backlight scanning. Therefore, the difference between the scan frequencies higher than 400Hz with 100 or 200Hz is not great. 100Hz scanning parameters are enough for many people today.

## **8. Should I buy an "external" HDTV?**

Foreign psychology is favored by many people especially with technology products. Buying a "portable" TV from abroad is also a problem that many people care about. However, unlike small sized technology products, buying TV from abroad is not recommended. First, buyers will not get support such as warranty, after-sales service and a large shipping fee due to bulky goods. In addition, in each market where the TV can use different power sources, the television recording system with the frequency band is different from where the user is living.

## **9. Is active 3D TV better than passive 3D?**

Both have advantages and weaknesses. Active 3D TVs provide viewers with Full HD resolution images to each eye while passive 3D resolution to each eye reaches only half. However, at a normal viewing distance, the difference of resolution is not much. Only for viewers who are too close, the jagged phenomenon of the new image reveals on passive 3D.

Specialized glass in passive 3D has many advantages over active 3D when there is no noise, light weight, cheaper price without using the battery.

## **10. How to set the image parameters on the TV yourself?**

In order to be able to set the image as color or brightness on the TV, users can use the DVD tutorials quite quickly and simply. These discs are sold on Amazon for about \$ 40. For more advanced and more accurate editing, users can use tools like DataColor SpyderTV. For starters, switching between Standard and Movie modes, then tweaking each parameter is an effective job.

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